



VALLABHBHAI PATEL CHEST INSTITUTE

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Dated: 15.02.2024

Ref. No. VPCI/PUR/OT/2023-24/8-21/1192823

NOTICE INVITING TENDER

The Deputy Registrar, Vallabhbhai Patel Chest Institute, University of Delhi, Delhi – 110007 invites **Open E-Tender** under one cover containing (i) Technical Bid and (ii) BOQ of Financial Bid for the procurement of **Wholegenome sequencing and bioinformatics analysis of fungal isolates on Illumina Novaseq 6000 Platform.** Lib: PE150 Acct put is 10gb/samples through e-procurement as per detail given below:-

| S. No. | Description of Items | Quantity Required |
|--------|--|-------------------|
| 1 | <p>Wholegenome sequencing and bioinformatics analysis of fungal isolates on Illumina Novaseq 6000 Platform. Lib: PE150 Acct put is 10gb/samples.</p> <p>Specification:-</p> <p><u>Compete Scope of Work</u></p> <ol style="list-style-type: none"> DNA isolation from fungal Culture. Total DNA QC Sequencing-Ready library preparation. Cluster amplification. Sample run on NGS sequencer (Illumina Novaseq 6000) Total DNA libraries should be sequenced to deliver at least 10GB/Sample. 150 bp paired end reads per sample. Up to 90% of the sequenced bases should be of Q30 value. Sequenced data with FASTQ files should be uploaded on the FTP server for download and review. Data analysis of Whole genome sequencing. <ul style="list-style-type: none"> High quality reads (HQ data) Mapping of HQ reads on the reference genome. Consensus sequence from mapping. BAM file for mapping result visualization Variant Calling SNP Calling annotations and statics Comprehensive compiled report and data The Vendor should provide a facility certificate to testify the possession of an in house illumine Novaseq6000 platform explicitly in name of the Company (Novaseq experience of minimum four years and more than 100 S4 flow cells running experience (it should not be in lease agreement or tie up/collaborative mode). The complete scope of work should be done by the vendor within India. The laboratory should be CAP/NABL/DSR accreditation. Onsite demonstration facility. | 15 nos |

IMPORTANT DATES

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|--|------------------------------|
| Bid Document Download Start Date | 15.02.2024 |
| Bid Submission Start Date | 15.02.2024 |
| Bid Submission End Date | 26.02.2024 (upto 01:00 P.M) |
| Bid Opening Date (Technical + Financial) | 27.02.2024 (at 02:30 P.M) |

For further details and online bid submission please visit at CPP Portal <https://eprocure.gov.in/eprocure/app>

Deputy Registrar